

### Amendments to the claims

1-30. (Cancelled).

31. (Currently Amended) A method of treating sewage which reduces nitrogen concentrations in, and the size of, bio gas plants; said method comprising:  
separately collecting black water;  
selectively performing liquid/solid separation of said black water by membrane filtration; and  
performing anaerobic fermentation of solids of said black water.
32. (Currently Amended) A method of utilizing waste waters allowing reduced size of bio gas plants; said method comprising:  
separately collecting faecal waste water with urine separation toilets;  
selectively performing liquid/solid separation of said faecal waste water by membrane filtration; and  
performing anaerobic fermentation of solids of said faecal waste water.
33. (Currently Amended) A method of treating sewage which avoids inhibiting a methanization process and increases the bio gas yield of bio gas plants; said method comprising:  
separately collecting faecal waste water with urine separation toilets; and  
performing anaerobic fermentation of said faecal waste water.
34. (Currently Amended) A method of utilizing black water; said method comprising:
- (a) separately collecting black water from toilets with or without urinals;
  - (b) selectively performing liquid/solid separation of the black water collected in (a) using membrane filtration;
  - (c) performing oxidation by microorganisms of a liquid phase obtained in (b);
  - (d) performing solid/liquid separation of the product obtained in (c);
  - (e) selectively utilizing the liquid phase obtained in (d) for at least one of:
    - (i) collecting black water according to (a); and
    - (ii) as mineral fertilizer;
- and
- (f) optionally repeating (a) through (e) one or more times.